3RW55251HA04

Industrial automation components

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Manufacturer	Siemens
Catalog number	3rw55251ha04
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Operating Voltage Range	200-480 V AC
Current Rating	63 A
Control Supply Voltage	24 V AC/DC
Terminal Type	Screw terminals
Integrated Motor Overload Protection	Yes
Internal Bypass Switch	Yes
Display	Yes
Torque Control	Yes
Ambient Temperature Range	-25 to 60 °C
Dimensions	185 mm x 203 mm x 306 mm

Description

The Siemens SIRIUS 3RW55251HA04 is a high-performance soft starter designed for the soft starting and stopping of three-phase asynchronous motors. Operating within a voltage range of 200 to 480 V AC and a current rating of 63 A, it is suitable for various industrial applications requiring reliable motor control.

The device features a 24 V AC/DC control supply voltage and utilizes screw terminals for secure electrical connections. Integrated motor overload protection and an internal bypass switch enhance operational safety and efficiency.

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The soft starter is equipped with a display for easy monitoring and includes torque control functionality to manage motor startup torque. With an ambient temperature range of -25 to 60 °C, it is built to withstand diverse environmental conditions.

The device has a compact design with dimensions of 185 mm in width, 203 mm in depth, and 306 mm in height, making it suitable for installations with space constraints. The SIRIUS 3RW55251HA04 soft starter is an ideal solution for applications requiring smooth motor startups and stops, reducing mechanical stress and extending motor lifespan.